



2825  
PATENT  
Attorney Docket No.: SSI-02001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Maximilian A. Biberger et al.

Serial No.: 09/841,800

Filed: April 24, 2001

For: **METHOD OF DEPOSITING  
METAL FILM AND METAL  
DEPOSITION CLUSTER TOOL  
INCLUDING SUPERCRITICAL  
DRYING/CLEANING MODULE**

} Group Art Unit: 2825  
} Examiner: Everhart, Caridad  
} **TRANSMITTAL LETTER**  
} 162 N. Wolfe Road  
} Sunnyvale, CA 94086  
} (408) 530-9700  
} Customer No.: 28960

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Enclosed please find a Supplemental Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID #50637); (EFS ID #50638); (EFS ID #50639); (EFS ID #50640); and (EFS ID #50641) filed on November 14, 2003.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

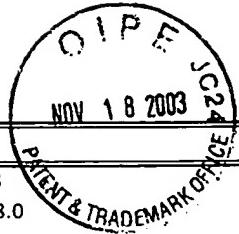
By: Thomas B. Haverstock  
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a))  
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:  
Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Date: 11/14/03 By: Thomas B. Haverstock  
HAVERSTOCK & OWENS LLP

RECEIVED  
NOV 21 2003  
T C 2800 MAIL ROOM



## FEE TRANSMITTAL

Electronic Version v08  
Stylesheet Version v08.0

## Title of Invention

METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING  
SUPERCritical DRYING/CLEANING MODULE

Application Number: 09/841800 \*09/841800\*

Date: 2001-04-24

First Named Applicant: Maximilian A. Biberger

Attorney Docket Number:

## TOTAL FEE AUTHORIZED \$180

Patent fees are subject to annual revisions on or about October 1st of each year.

## BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

## AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

file:///G:/IDS-E-Filed\SSI02001\SSI02001A\SSI02001A-usfees.xml

11/14/2003

Fee transmittal

Page 2 of 2

Deposit account number: 081275

Access Code \*\*\*\*

Deposit name: Haverstock and Owens LLP

Deposit authorized name: Thomas B. Haverstock

Signature: /tbh/

Date (YYYYMMDD): 2003-11-14

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

RECEIVED  
U.S. PATENT & TRADEMARK OFFICE  
NOV 21 2003  
102001 MAIL ROOM

NOV 18 2003 JCNA  
PATENT & TRADEMARK OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE ACKNOWLEDGEMENT RECEIPT									
Electronic Version 1.1 Worksheet Version v1.1.1									
Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCritical DRYING/CLEANING MODULE								
Submission Type:	Information Disclosure Statement								
Application Number:	09/841800 *09/841800*								
EFS ID:	50638								
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Confirmation Code</th> <th style="width: 80%;">Message</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">ISVR1</td> <td style="padding: 2px;">Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td style="padding: 2px;">ICON1</td> <td style="padding: 2px;">6810</td> </tr> <tr> <td style="padding: 2px;">ISYSS</td> <td style="padding: 2px;">Filename = N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>	Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6810	ISYSS	Filename = N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message								
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application								
ICON1	6810								
ISYSS	Filename = N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.								
First Named Applicant:	Maximilian Biberger								
Attorney Docket Number:									
Timestamp:	2003-11-14 13:46:50 EDT								
From:	us								

RECEIVED  
NOV 21 2003  
U.S. MAIL ROOM

file:///G:/IDS-E-Filed/SSI02001/SSI02001B/SSI02001B-xmre.xml

11/14/2003

Acknowledgement Receipt

Page 2 of 2

File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Doc. Name</th> <th style="width: 60%;">File Name</th> <th style="width: 20%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">us-ids</td> <td style="padding: 2px;">SSI02001B-usidst.xml</td> <td style="padding: 2px;">2179</td> </tr> <tr> <td style="padding: 2px;">us-ids</td> <td style="padding: 2px;">us-ids.dtd</td> <td style="padding: 2px;">7763</td> </tr> <tr> <td style="padding: 2px;">us-ids</td> <td style="padding: 2px;">us-ids.xsl</td> <td style="padding: 2px;">12026</td> </tr> <tr> <td style="padding: 2px;">package-data</td> <td style="padding: 2px;">SSI02001B-pkda.xml</td> <td style="padding: 2px;">1827</td> </tr> <tr> <td style="padding: 2px;">package-data</td> <td style="padding: 2px;">package-data.dtd</td> <td style="padding: 2px;">27025</td> </tr> <tr> <td style="padding: 2px;">package-data</td> <td style="padding: 2px;">us-package-data.xsl</td> <td style="padding: 2px;">19263</td> </tr> <tr> <td align="right" style="padding: 2px;">Total files size</td> <td></td> <td style="padding: 2px;">70083</td> </tr> </tbody> </table>	Doc. Name	File Name	Size (Bytes)	us-ids	SSI02001B-usidst.xml	2179	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI02001B-pkda.xml	1827	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		70083
Doc. Name	File Name	Size (Bytes)																							
us-ids	SSI02001B-usidst.xml	2179																							
us-ids	us-ids.dtd	7763																							
us-ids	us-ids.xsl	12026																							
package-data	SSI02001B-pkda.xml	1827																							
package-data	package-data.dtd	27025																							
package-data	us-package-data.xsl	19263																							
Total files size		70083																							
Message Digest:	bc1eef00b4710f022e50a9a0cbb3ee2e45359392																								
Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																								

TRANSMITTAL		
Electronic Version v1.1 Stylesheet Version v1.1.0	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE	
Title of Invention		
Application Number:	09/841,800	
Date:	2001-04-24	
First Named Applicant:	Maximilian A. Biberger	
Confirmation Number:	6810	
Attorney Docket Number:		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted	Files
us-ids	SS102001B-usidst.xml
	us-ids.dtd
	us-ids.xls
Comments	

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v1.8  
Stylesheet Version v18.0

<b>Title of Invention</b>	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE
---------------------------	--

Application Number: 09/841800 \*09/841800\*  
 Confirmation Number: 6810  
 First Named Applicant: Maximilian Biberger  
 Attorney Docket Number:  
 Search string: ( 5370741 or 5714299 or 5725987 or 5736425 or 5766367 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	5370741		1994-12-06	Bergman			
2	5714299		1998-02-03	Combes et al.			
3	5725987		1998-03-10	Combes et al.			
4	5736425		1998-04-07	Smith et al.			
5	5766367		1998-06-16	Smith et al.			

**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
 The current electronic filing contains part 2 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing.

**Signature**

**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1  
StyleSheet Version v1.1.1

Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCritical DRYING/CLEANING MODULE									
Submission Type:	Information Disclosure Statement									
Application Number:	09/841800	*09/841800*								
EFS ID:	50639									
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Confirmation Code</th> <th style="width: 80%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>6810</td> </tr> <tr> <td>ISYSS</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6810	ISYSS	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	6810									
ISYSS	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.									
First Named Applicant:	Maximilian Biberger									
Attorney Docket Number:										
Timestamp:	2003-11-14 13:48:52 EDT									
From:	us									

file:///G:/IDS-E-Filed/SSI02001/SSI02001C/SSI02001C-xmre.xml

Acknowledgement Receipt

RECEIVED  
NOV 14 2003  
11/14/2003  
10:21 AM  
MAIL ROOM

File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Doc. Name</th> <th style="width: 40%;">File Name</th> <th style="width: 30%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td>us-ids</td> <td>SSI02001C-usidst.xml</td> <td>6232</td> </tr> <tr> <td>us-ids</td> <td>us-ids.dtd</td> <td>7763</td> </tr> <tr> <td>us-ids</td> <td>us-ids.xsl</td> <td>12026</td> </tr> <tr> <td>package-data</td> <td>SSI02001C-pkda.xml</td> <td>1827</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td>27025</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td>19263</td> </tr> <tr> <td align="right" style="text-align: right;">Total files size</td> <td></td> <td>74136</td> </tr> </tbody> </table>	Doc. Name	File Name	Size (Bytes)	us-ids	SSI02001C-usidst.xml	6232	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI02001C-pkda.xml	1827	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		74136
Doc. Name	File Name	Size (Bytes)																							
us-ids	SSI02001C-usidst.xml	6232																							
us-ids	us-ids.dtd	7763																							
us-ids	us-ids.xsl	12026																							
package-data	SSI02001C-pkda.xml	1827																							
package-data	package-data.dtd	27025																							
package-data	us-package-data.xsl	19263																							
Total files size		74136																							
Message Digest:	91323bd5ba13a7ecfc1ed25c1d3139fdb0da1f4b																								
Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																								

TRANSMITTAL													
Electronic Version v1.1 Stylesheet Version v1.1.0													
<table border="1"> <tr> <td>Title of Invention</td> <td>METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE</td> </tr> <tr> <td>Application Number:</td> <td>09/841800 *09/841800*</td> </tr> <tr> <td>Date:</td> <td>2001-04-24</td> </tr> <tr> <td>First Named Applicant:</td> <td>Maximilian A. Biberger</td> </tr> <tr> <td>Confirmation Number:</td> <td>6810</td> </tr> <tr> <td colspan="2">Attorney Docket Number:</td> </tr> </table>		Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE	Application Number:	09/841800 *09/841800*	Date:	2001-04-24	First Named Applicant:	Maximilian A. Biberger	Confirmation Number:	6810	Attorney Docket Number:	
Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE												
Application Number:	09/841800 *09/841800*												
Date:	2001-04-24												
First Named Applicant:	Maximilian A. Biberger												
Confirmation Number:	6810												
Attorney Docket Number:													
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>													
<table border="1"> <thead> <tr> <th>Submitted by:</th> <th>Elec. Sign.</th> <th>Sign. Capacity</th> </tr> </thead> <tbody> <tr> <td>Thomas B. Haverstock Registered Number: 32571</td> <td>/tbh/</td> <td>Attorney</td> </tr> </tbody> </table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney						
Submitted by:	Elec. Sign.	Sign. Capacity											
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney											

Documents being submitted	Files SS102001C-usidst.xml us-ids.dtd us-ids.xsl
us-ids	
Comments	

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v1.8  
Stylesheet Version v1.8.0

Title of Invention	<b>METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE</b>						
Application Number:	09/841800	*09/841800*					
Confirmation Number:	6810						
First Named Applicant:	Maximilian Biberger						
Attorney Docket Number:							
Search string:	( 5807607 or 5847443 or 5872061 or 5893756 or 5896870 or 5904737 or 5992680 or 5994696 or 6001133 or 6005226 or 6037277 or 6063714 or 6099619 or 6100198 or 6128830 or 6140252 or 6171645 or 6200943 or 6216364 or 6224774 or 6228826 or 6232238 or 6232417 or 6239038 ).pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	5807607		1998-09-15	Smith et al.			
2	5847443		1998-12-08	Cho et al.			
3	5872061		1999-02-16	Lee et al.			
4	5893756		1999-04-13	Berman et al.			
5	5896870		1999-04-27	Huynh et al.			
6	5904737		1999-05-18	Preston et al.			
7	5992680		1999-11-30	Smith			
8	5994696		1999-11-30	Tai et al.			
9	6001133		1999-12-14	DeYoung et al.			
10	6005226		1999-12-21	Aschner et al.			

11	6037277	2000-03-14	Masakara et al.
12	6063714	2000-05-16	Smith et al.
13	6099619	2000-08-08	Lansbarkis et al.
14	6100198	2000-08-08	Grieger et al.
15	6128830	2000-10-10	Bettcher et al.
16	6140252	2000-10-31	Cho et al.
17	6171645	2001-01-09	Smith et al.
18	6200943	2001-03-13	Romack et al.
19	6216364	2001-04-17	Tanaka et al.
20	6224774	2001-05-01	DeSimone et al.
21	6228826	2001-05-08	DeYoung et al.
22	6232238	2001-05-15	Chang et al.
23	6232417	2001-05-15	Rhodes et al.
24	6239038	2001-05-29	Wen

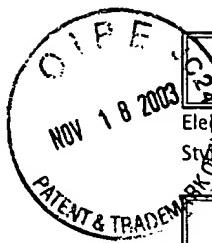
**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 3 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing.

**Signature**

Examiner Name	Date



**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1  
Stylesheet Version v1.1.1

Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCritical DRYING/CLEANING MODULE									
Submission Type:	Information Disclosure Statement									
Application Number:	09/841800	*09/841800*								
EFS ID:	50637									
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Confirmation Code</th> <th style="width: 80%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>6810</td> </tr> <tr> <td>ISYSS</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6810	ISYSS	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	6810									
ISYSS	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.									
First Name:	Applicant: Maximilian Biberger									
Attorney Docket Number:										
Timestamp:	2003-11-14 13:44:18 EDT									
From:	us									

file:///G:/IDS-E-Filed\SSI02001\SSI02001A\SSI02001A-xmre.xml

Acknowledgement Receipt

Page 2 of 2

File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Doc. Name</th> <th style="width: 40%;">File Name</th> <th style="width: 30%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr><td>us-fee-sheet</td><td>SSI02001A-usfees.xml</td><td>1527</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td></tr> <tr><td>us-ids</td><td>SSI02001A-usidst.xml</td><td>2651</td></tr> <tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td></tr> <tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td></tr> <tr><td>package-data</td><td>SSI02001A-pkda.xml</td><td>2297</td></tr> <tr><td>package-data</td><td>package-data.dtd</td><td>27025</td></tr> <tr><td>package-data</td><td>us-package-data.xsl</td><td>19263</td></tr> <tr> <td align="right" style="text-align: right;">Total files size</td> <td></td> <td>108533</td> </tr> </tbody> </table>	Doc. Name	File Name	Size (Bytes)	us-fee-sheet	SSI02001A-usfees.xml	1527	us-fee-sheet	us-fee-sheet.xsl	24912	us-fee-sheet	us-fee-sheet.dtd	11069	us-ids	SSI02001A-usidst.xml	2651	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI02001A-pkda.xml	2297	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		108533
Doc. Name	File Name	Size (Bytes)																																
us-fee-sheet	SSI02001A-usfees.xml	1527																																
us-fee-sheet	us-fee-sheet.xsl	24912																																
us-fee-sheet	us-fee-sheet.dtd	11069																																
us-ids	SSI02001A-usidst.xml	2651																																
us-ids	us-ids.dtd	7763																																
us-ids	us-ids.xsl	12026																																
package-data	SSI02001A-pkda.xml	2297																																
package-data	package-data.dtd	27025																																
package-data	us-package-data.xsl	19263																																
Total files size		108533																																
Message Digest:	c507e006861763d1089b3294139e0de2282c2790																																	
Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																																	

TRANSMITTAL		
Electronic Version v1.1 Stylesheet Version v1.1.0		
Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE	
Application Number:	09/841 800 *09/841 800*	
Date:	2001-04-24	
First Named Applicant:	Maximilian A. Sibberger	
Confirmation Number:	6810	
Attorney Docket Number:		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted	Files
us-fee-sheet	SSI02001A-usfees.xml us-fee-sheet.xls us-fee-sheet.dtd SSI02001A-usidst.xml us-ids.dtd us-ids.xls
Comments	

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18  
Stylesheet Version v18.0

**METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE**

Application Number: 09/841800 \*09/841800\*  
 Confirmation Number: 6810  
 First Named Applicant: Maximilian Biberger  
 Attorney Docket Number:  
 Search string: ( 2439689 or 4349415 or 4925790 or 5071485 or 5196134 or 5269850 or 5285352 or 5320742 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	2439689	1948-04-13		Hyde et al.			
2	4349415	1982-09-14		Defilippi et al.			
3	4925790	1990-05-15		Blanch et al.			
4	5071485	1991-12-10		Matthews et al.			
5	5196134	1993-03-23		Jackson			
6	5269850	1993-12-14		Jackson			
7	5285352	1994-02-08		Pastore et al.			
8	5320742	1994-06-14		Fletcher et al.			

**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.

The current electronic filing contains part 1 out of a total of 5 electronic filings.

**Signature**

Examiner Name	Date



**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1  
Worksheet Version v1.1.1

Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCritical DRYING/CLEANING MODULE									
Submission Type:	Information Disclosure Statement									
Application Number:	09/841800	*09/841800*								
EFS ID:	50640									
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Confirmation Code</th> <th style="width: 85%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>6810</td> </tr> <tr> <td>ISYS5</td> <td>Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6810	ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	6810									
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.									
First Named Applicant:	Maximilian Biberger									
Attorney Docket Number:										
Timestamp:	2003-11-14 13:50:56 EDT									
From:	us									

file:///G:/IDS-E-Filed\SSI02001\SSI02001D\SSI02001D-xmre.xml

Acknowledgement Receipt

Page 2 of 2

File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Doc. Name</th> <th style="width: 40%;">File Name</th> <th style="width: 30%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td>us-ids</td> <td>SSI02001D-usidst.xml</td> <td>10855</td> </tr> <tr> <td>us-ids</td> <td>us-ids.dtd</td> <td>7763</td> </tr> <tr> <td>us-ids</td> <td>us-ids.xsl</td> <td>12026</td> </tr> <tr> <td>package-data</td> <td>SSI02001D-pkda.xml</td> <td>1827</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td>27025</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td>19263</td> </tr> <tr> <td align="right" style="text-align: right;">Total files size</td> <td></td> <td>78759</td> </tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	us-ids	SSI02001D-usidst.xml	10855	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI02001D-pkda.xml	1827	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		78759
Doc. Name	File Name	Size (Bytes)																									
us-ids	SSI02001D-usidst.xml	10855																									
us-ids	us-ids.dtd	7763																									
us-ids	us-ids.xsl	12026																									
package-data	SSI02001D-pkda.xml	1827																									
package-data	package-data.dtd	27025																									
package-data	us-package-data.xsl	19263																									
Total files size		78759																									
Message Digest:	c713f845058f71ed871f061c2541d47f84af349a																										
Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																										

RECEIVED  
NOV 21 2003  
MAIL ROOM  
102805  
11/14/2003

TRANSMITTAL					
Electronic Version v1.1 Stylesheet Version v1.1.0					
<b>Title of Invention</b>	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE				
Application Number:	09/841800 *09/841800*				
Date:	2001-04-24				
First Named Applicant:	Maximilian A. Biberger				
Confirmation Number:	6810				
Attorney Docket Number:					
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>					
Submitted by:	<table border="1"> <tr> <td>Elec. Sign.</td> <td>Sign. Capacity</td> </tr> <tr> <td>Thomas B. Haverstock Registered Number: 32571</td> <td>/tbh/ Attorney</td> </tr> </table>	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/ Attorney
Elec. Sign.	Sign. Capacity				
Thomas B. Haverstock Registered Number: 32571	/tbh/ Attorney				

Documents being submitted	
us-ids	Files SSI02001D-usidst.xml us-ids.dtd us-ids.xsl
Comments	

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE
--------------------	--

Application Number: 09/841800 \*09/841800\*

Confirmation Number: 6810

First Named Applicant: Maximilian Biberger

Attorney Docket Number:

Search string: ( 6251250 or 6255732 or 6270531 or 6270948 or 6277753 or 6284558 or 6286231 or 6306564 or 6331487 or 6344243 or 6358673 or 6361696 or 6367491 or 6380105 or 6425956 or 6436824 or 6454945 or 6458494 or 6461967 or 6485895 or 6486078 or 6486282 or 6492090 or 6500605 or 6558475 or 6562146 or 20010019857 or 20010024247 or 20010041455 or 20010041458 or 20020001929 or 2002005323 or 20020074289 or 20020081533 or 20020088477 or 20020098680 or 20020106867 or 20020112740 or 20020112746 or 20020115022 or 20020117391 or 20020123229 or 20020127844 or 20020132192 or 20020141925 or 20020142595 or 20020150522 or 20030003762 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	6251250	2001-06-26		Kelgler	A1		
2	6255732	2001-07-03		Yokoyama et al.	A1		
3	6270531	2001-08-07		DeYoung et al.	A1		
4	6270948	2001-08-07		Sato et al.	A1		
5	6277753	2001-08-21		Mullee et al.	A1		

file:///G:/IDS-E-Filed\SSI02001\SSI02001\SSI02001D\usidst.xml

11/14/2003

11/14/2003

6	6284558	2001-09-04	Sakamoto	B1
7	6286231	2001-09-11	Bergman et al.	B1
8	6306564	2001-10-23	Mullee	B1
9	6331487	2001-12-18	Koch	B1
10	6344243	2002-02-05	McClain et al.	B1
11	6358673	2002-03-19	Namatsu	B1
12	6361696	2002-03-26	Spiegelman et al.	B1
13	6367491	2002-04-09	Marshall et al.	B1
14	6380105	2002-04-30	Smith et al.	B1
15	6425956	2002-07-30	Cotte et al.	B1
16	6436824	2002-08-20	Chooi et al.	B1
17	6454945	2002-09-24	Weigl et al.	B1
18	6458494	2002-10-01	Song et al.	B1
19	6461967	2002-10-08	Wu et al.	B1
20	6485895	2002-11-26	Choi et al.	B1
21	6486078	2002-11-26	Rangarajan et al.	B1
22	6486282	2002-11-26	Dammel et al.	B1
23	6492090	2002-12-10	Nishi et al.	B1
24	6500605	2002-12-31	Mullee et al.	B1
25	6558475	2003-05-06	Jur et al.	B1
26	6562146	2003-05-13	DeYoung et al.	B1

**US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1		20010019857	2001-09-06	Yokoyama et al	A1		
2		20010024247	2001-09-27	Nakata	A1		
3		20010041455	2001-11-15	Yun et al.	A1		
4		20010041458	2001-11-15	Ikakura et al.	A1		
5		20020001929	2002-01-03	Biberger et al.	A1		

6	20020055323	2002-05-09	McClain et al.	A1
7	20020074289	2002-06-20	Saterla et al.	A1
8	20020081533	2002-06-27	Simons et al.	A1
9	20020088477	2002-07-11	Cotte et al.	A1
10	20020098680	2002-07-25	Goldstein et al.	A1
11	20020106857	2001-09-27	Yang et al.	A1
12	20020112740	2002-08-22	DeYoung et al.	A1
13	20020112746	2002-08-22	DeYoung et al.	A1
14	20020115022	2002-08-22	Messick et al.	A1
15	20020117391	2002-08-29	Beam	A1
16	20020123229	2002-09-05	Ono et al.	A1
17	20020127844	2002-09-12	Grill et al.	A1
18	20020132192	2002-09-19	Namatsu	A1
19	20020141925	2002-10-03	Wong et al.	A1
20	20020142595	2002-10-03	Chiou	A1
21	20020150522	2002-10-17	Helm et al.	A1
22	20030003762	2003-01-02	Cotte et al.	A1

**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
The current electronic filing contains part 4 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing.

**Signature**

Examiner Name	Date

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1  
Stampsheet Version v1.1.1

Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCritical DRYING/CLEANING MODULE									
Submission Type:	Information Disclosure Statement									
Application Number:	09/841800	*09/841800*								
EFS ID:	50641									
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Confirmation Code</th> <th style="width: 80%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>6810</td> </tr> <tr> <td>ISYSS</td> <td>Filename = N/A BusinessRule = Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6810	ISYSS	Filename = N/A BusinessRule = Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	6810									
ISYSS	Filename = N/A BusinessRule = Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.									
First Named Applicant:	Maximilian Biberger									
Attorney Docket Number:										
Timestamp:	2003-11-14 13:52:43 EDT									
From:	us									

file:///G:/IDS-E-Filed\SSI02001\SSI02001E\SSI02001E-xmre.xml

RECEIVED  
NOV 21 2003  
U.S. MAIL ROOM  
11/14/2003

Acknowledgement Receipt

Page 2 of 2

File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Doc. Name</th> <th style="width: 50%;">File Name</th> <th style="width: 25%;">Size (Bytes)</th> </tr> </thead> <tbody> <tr> <td>us-ids</td> <td>SSI02001E-usidst.xml</td> <td>2070</td> </tr> <tr> <td>us-ids</td> <td>us-ids.dtd</td> <td>7763</td> </tr> <tr> <td>us-ids</td> <td>us-ids.xsl</td> <td>12026</td> </tr> <tr> <td>package-data</td> <td>SSI02001E-pkda.xml</td> <td>1797</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td>27025</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td>19263</td> </tr> <tr> <td></td> <td>Total files size</td> <td>69944</td> </tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	us-ids	SSI02001E-usidst.xml	2070	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI02001E-pkda.xml	1797	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263		Total files size	69944
Doc. Name	File Name	Size (Bytes)																									
us-ids	SSI02001E-usidst.xml	2070																									
us-ids	us-ids.dtd	7763																									
us-ids	us-ids.xsl	12026																									
package-data	SSI02001E-pkda.xml	1797																									
package-data	package-data.dtd	27025																									
package-data	us-package-data.xsl	19263																									
	Total files size	69944																									
Message Digest:	Sc78476998b592f7bfeed1f564a76021c8631fe7																										
Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																										

TRANSMITTAL		
Electronic Version v1.1 Stylesheet Version v1.1.0		
Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE	
Application Number:	09/841800 *09/841800*	
Date:	2001-04-24	
First Named Applicant:	Maximilian A. Biburger	
Confirmation Number:	6810	
Attorney Docket Number:		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted	Files
us-ids	SS102001E-usidst.xml
	us-ids.dtd
	us-ids.xls
Comments	

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v1.8  
Stylesheet Version v1.8.0

Title of Invention	METHOD OF DEPOSITING METAL FILM AND METAL DEPOSITION CLUSTER TOOL INCLUDING SUPERCRITICAL DRYING/CLEANING MODULE
--------------------	--

Application Number: 09/841800 \*09/841800\*  
 Confirmation Number: 6810  
 First Named Applicant: Maximilian Bilberger  
 Attorney Docket Number:  
 Search string: ( 20030008238 or 20030008518 or 20030013311 or 20030036023 or 20030047533 ).pn.

**US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	20030008238	2003-01-09		Goldfarb et al.	A1		
2	20030008518	2003-01-09		Chang et al.	A1		
3	20030013311	2003-01-16		Chang et al.	A1		
4	20030036023	2003-02-20		Moreau et al.	A1		
5	20030047533	2003-03-13		Reid et al.	A1		

**Remarks**

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.  
 The current electronic filing contains part 5 out of a total of 5 electronic filings. Fee has been paid in previous electronic filing.

**Signature**

Examiner Name	Date
---------------	------